

ABSTRACT

In a fuel pump in the form of a side-channel pump for a motor vehicle two partially annular ducts (21, 22) concentrically enclosing one another are connected to one another via a connecting duct (29). Connections (33, 34) of the connecting duct (29) to the partially annular ducts (21, 22) are laid so that at a rated speed of the fuel pump the same pressure prevails in each of them. If the speed falls below the rated speed, fuel passes from the radially outer, partially annular duct (22) into the radially inner, partially annular duct (21). A sufficient delivery capacity through the radially inner, partially annular duct (21) is thereby ensured.